

WHAT IS CLAIMED IS:

1. A prosthesis defining a fluid flow path comprising: a cover and a support assembly supporting the cover, the support assembly including one or more support structures where each support structure including an outer portion matingly connected to an inner portion, said cover being sandwiched between the outer and inner portions.
2. The prosthesis of claim 1 wherein said support assembly and cover define a fluid flow path through the prosthesis.
3. The prosthesis of claim 1 wherein the support assembly is formed from at least one metal.
4. The prosthesis of claim 3 wherein the support assembly is formed from a nickel titanium alloy.
5. The prosthesis of claim 4 wherein the support assembly is formed from nitinol.
6. The prosthesis of claim 1 wherein the outer portion comprise a metal ring and the inner portion comprises a metal ring.
7. The system of claim 1 wherein the inner portion is snap fit inside the outer portion.
8. The prosthesis of 1 wherein at least one of the support structures is radiopaque.
8. A prosthesis comprising a cover supported by a support assembly, said support assembly comprising a plurality of support structures, said cover being looped

around the support structure and closed with a connector.

9. The prosthesis of claim 8 wherein the connector is selected from the group consisting of a staple or suture.

10. A prosthesis defining a fluid flow path comprising:
a cover;
a support assembly supporting the cover, the support assembly including one or more support structures, each support structure comprising a ring having a plurality of radially extending protrusions disposed about a circumference of the ring;
wherein the protrusions engage the cover to anchor the support structures to the cover.